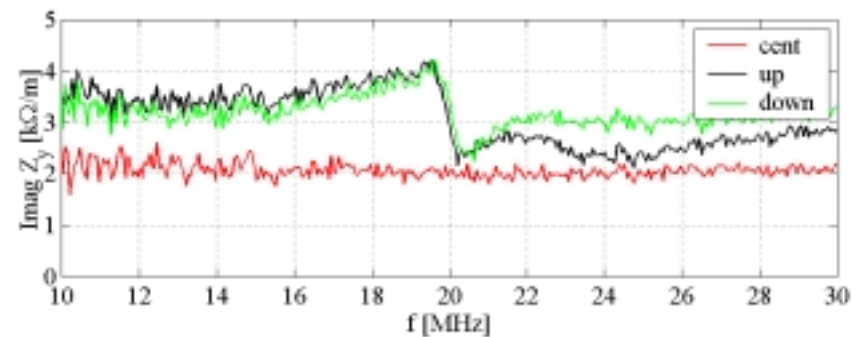
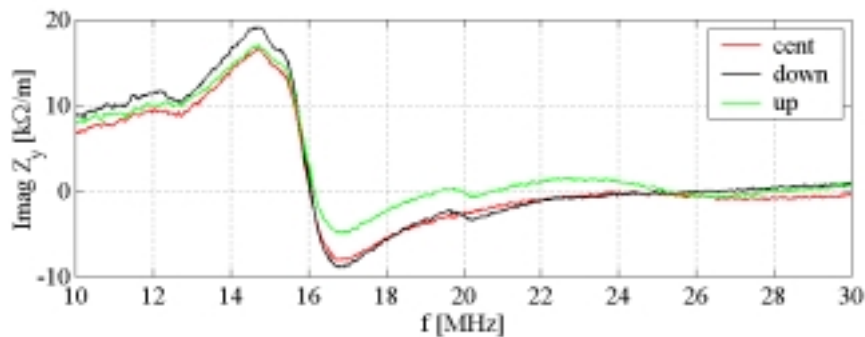
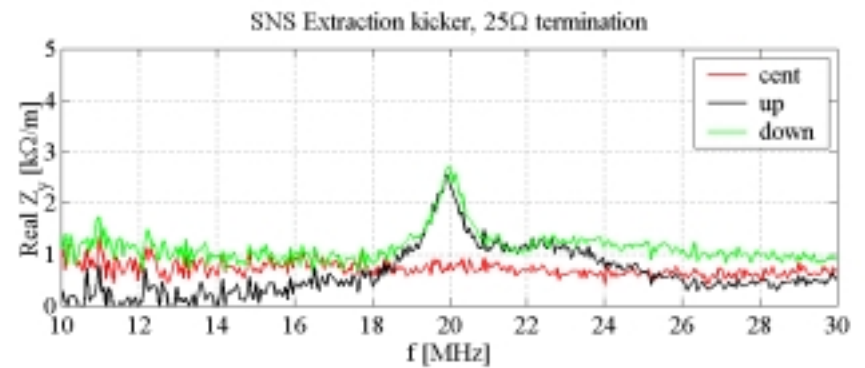
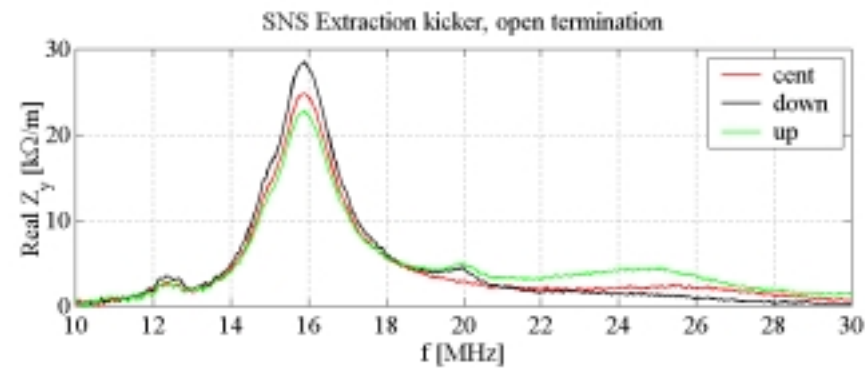
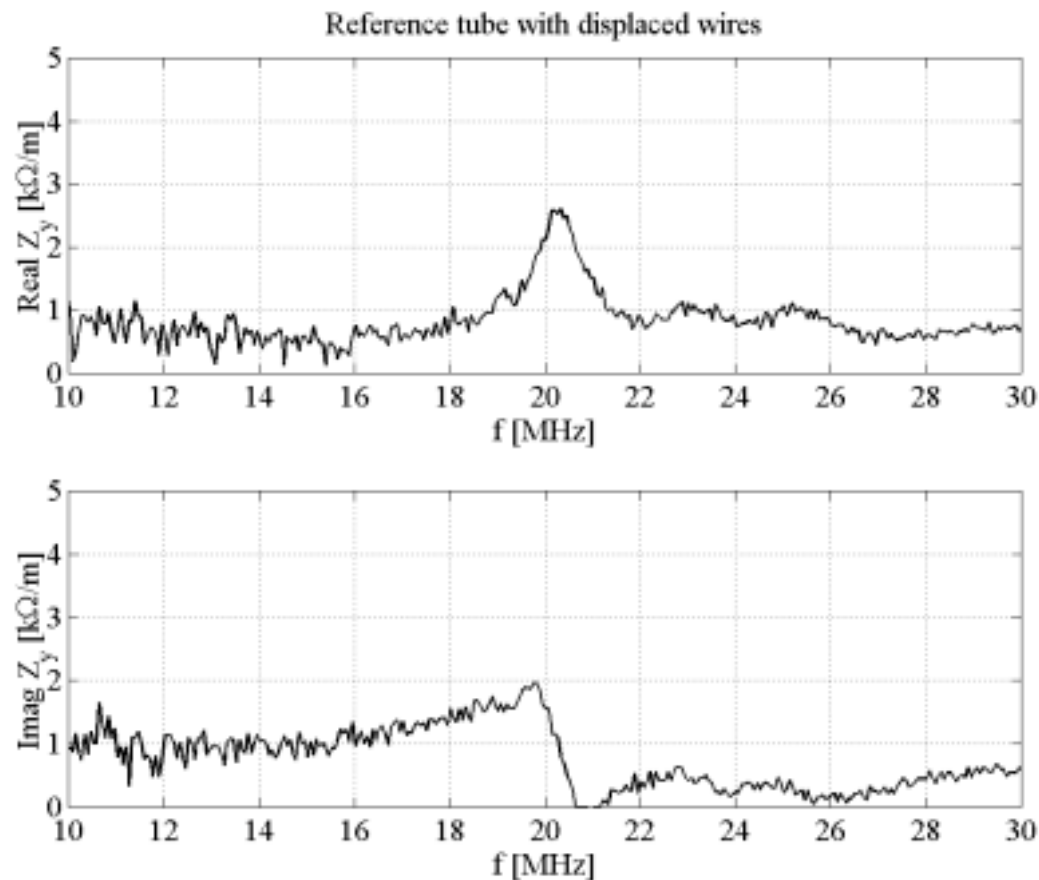


Measurements with displaced wires (1''): (discussions with R.L. Gluckstern)



Measurements with displaced wires (1''):



Measurements with displaced wires (1''):



- **Two points**: 1. change of resonant value of the main resonance 2. Small peak at 20MHz (both for open and 25 Ohm).
- 1. Magnetic flux is not dependent of wires location, but electric field is $(1/r)$...
- 2. It is independent of the termination and is present also in the beam pipe alone → look for transverse modes with three conductors that gives $v < c$ and longitudinal resonance with our 1meter long structure...

MAFIA activities:



- **Collecting information** from other users (Kurennoy at LANL, folks at BNL).
- **Costs:** LANL pays \$12k first license+ \$6k each additional one per year (multi-user license server). At BNL, they paid \$29k per year + 40% education discount. Purchase cost is \$83k + discount...?!
- **Hardware:** PC with Windows is a faster & cheaper solution (dual processor, 2GHz speed, 4GB ram). Only question: is possible to run a Windows program on remote? (people from CAD building would like to run the program in remote...).
- **Representative:** CST company has a representative in Boston. Contact asap.